

FIG.1

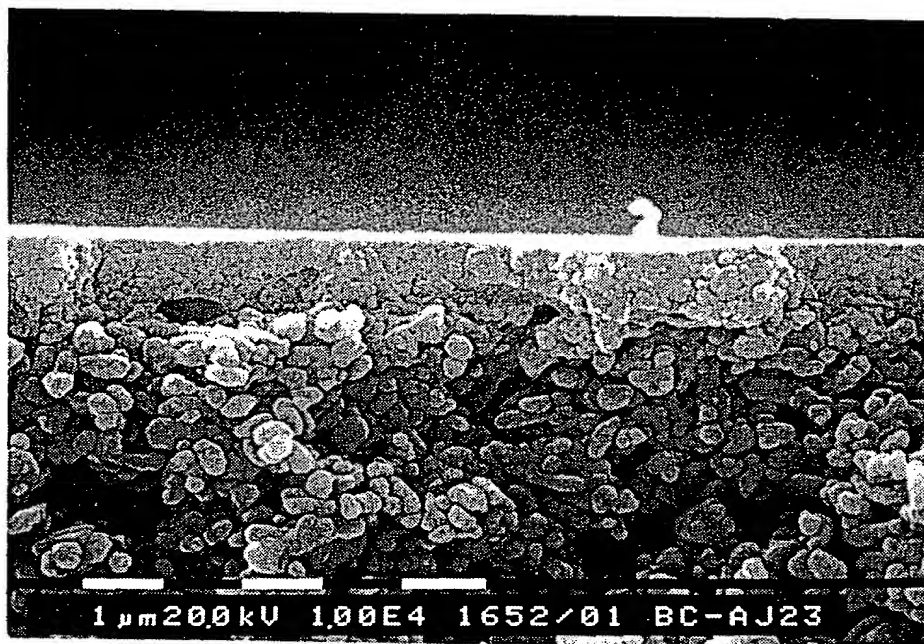
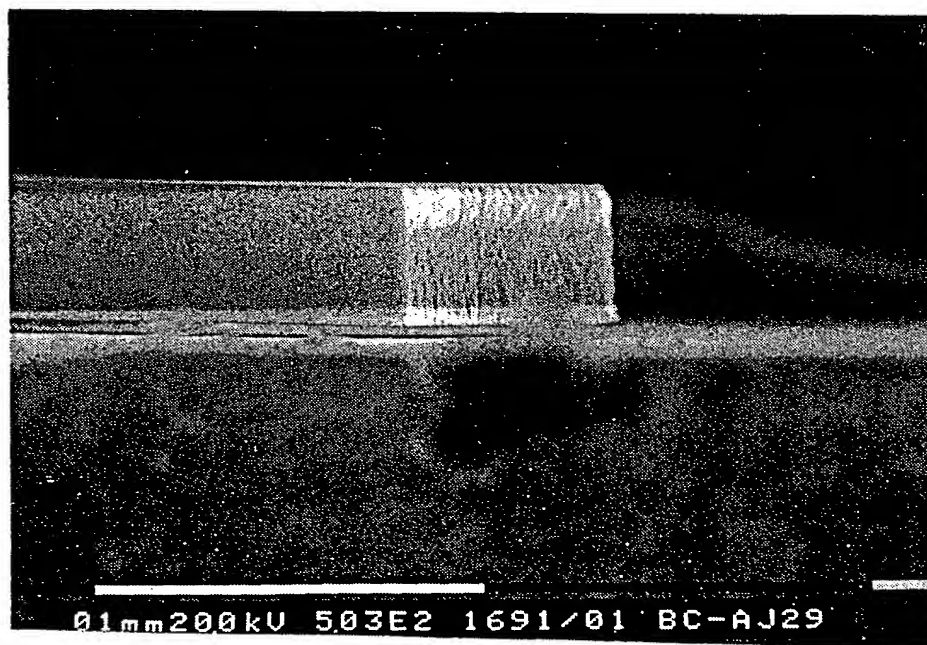
SILICA/
ZEOLITE
LAYER1 μm α ALUMINA
SUBSTRATE

FIG.2

SILICA/
ZEOLITE
LAYER40 μm α ALUMINA
SUBSTRATE

2/9

FIG.3

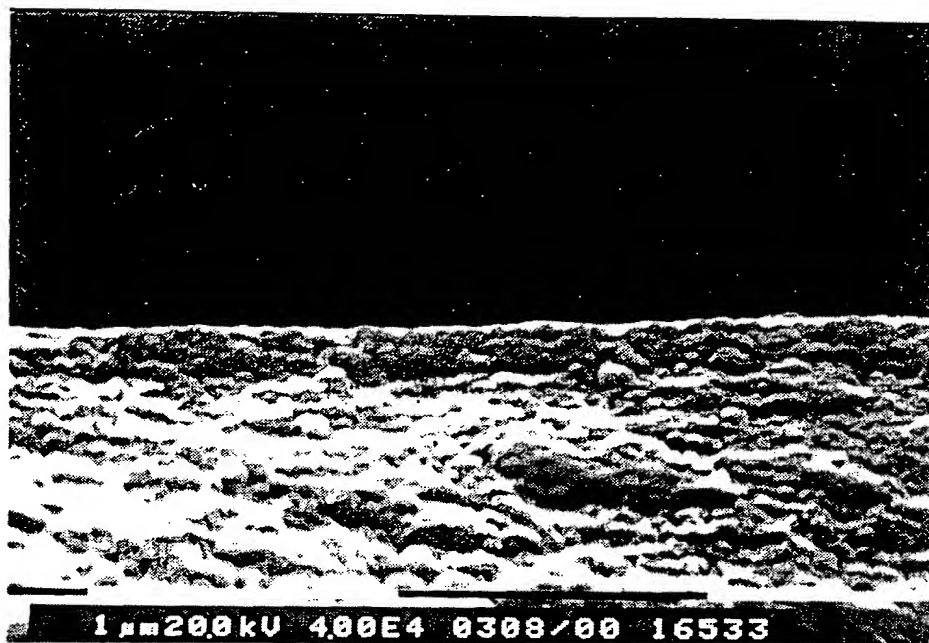
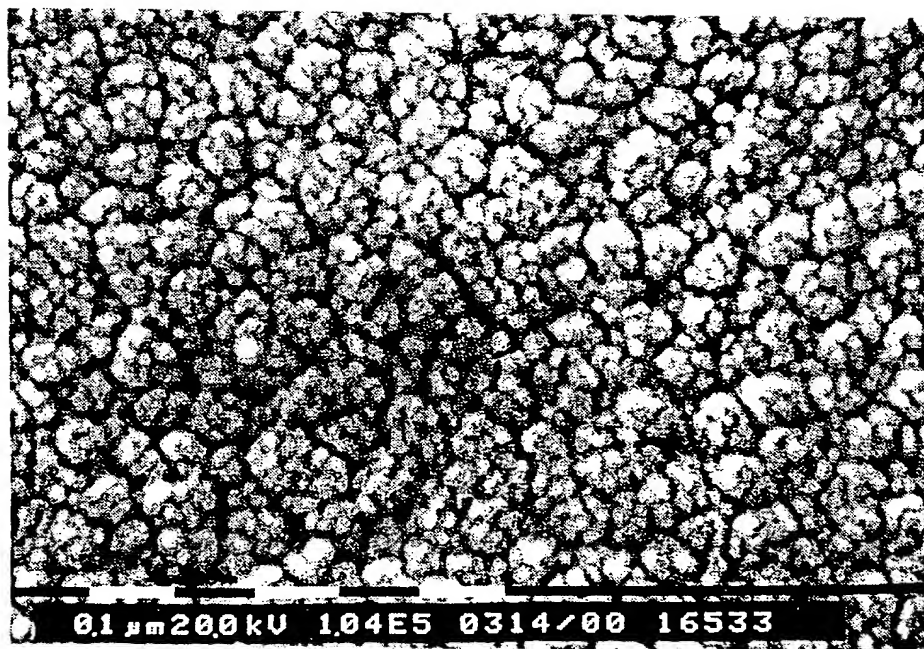


FIG.4



08545707.092696

20250720 20250720

FIG.5

ZSM-5/SILICA-ALUMINA MEMBRANE

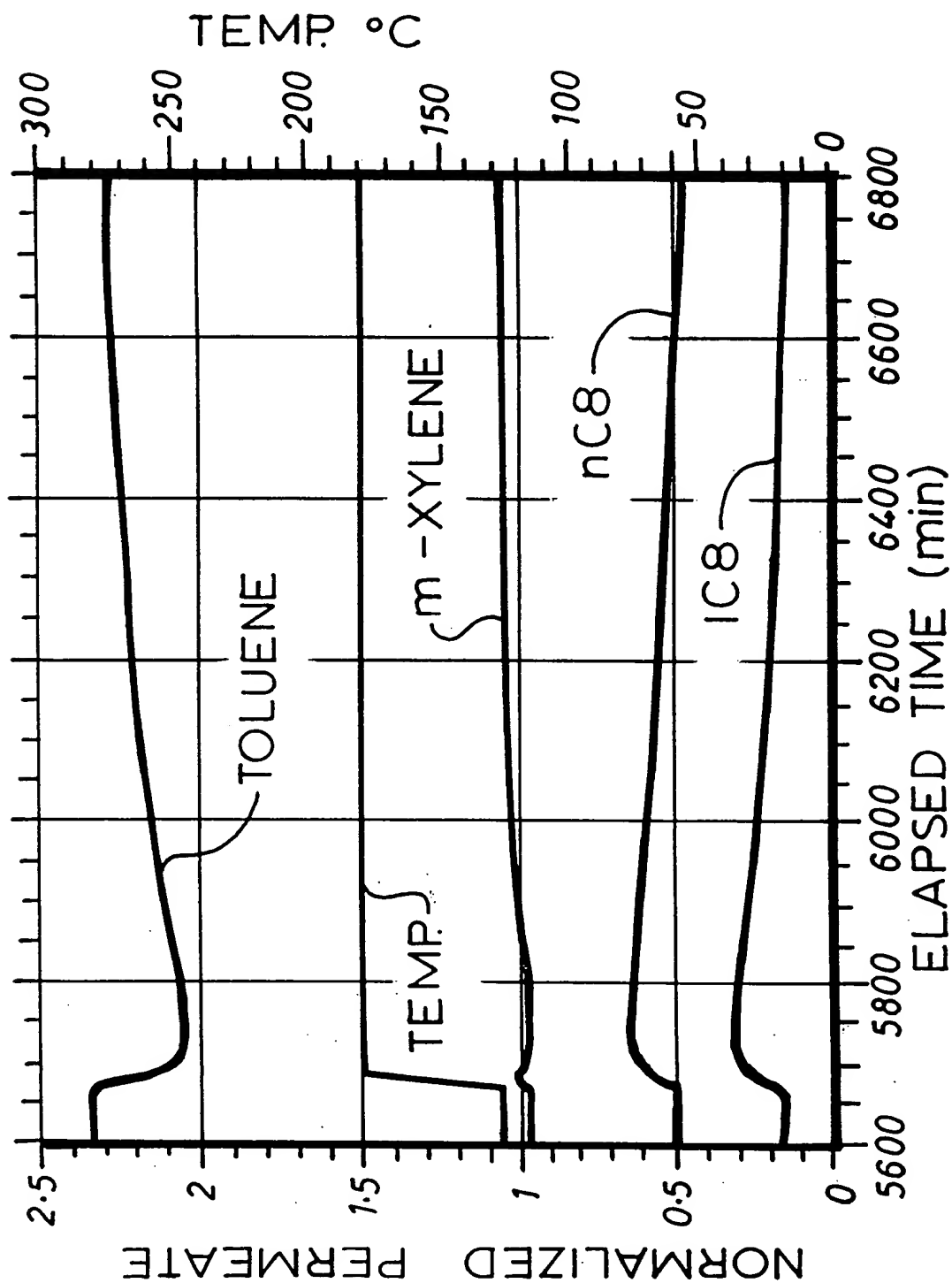
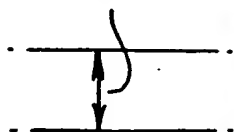


FIG.6

ZEOLITE
LAYER



α Al_2O_3
SUBSTRATE

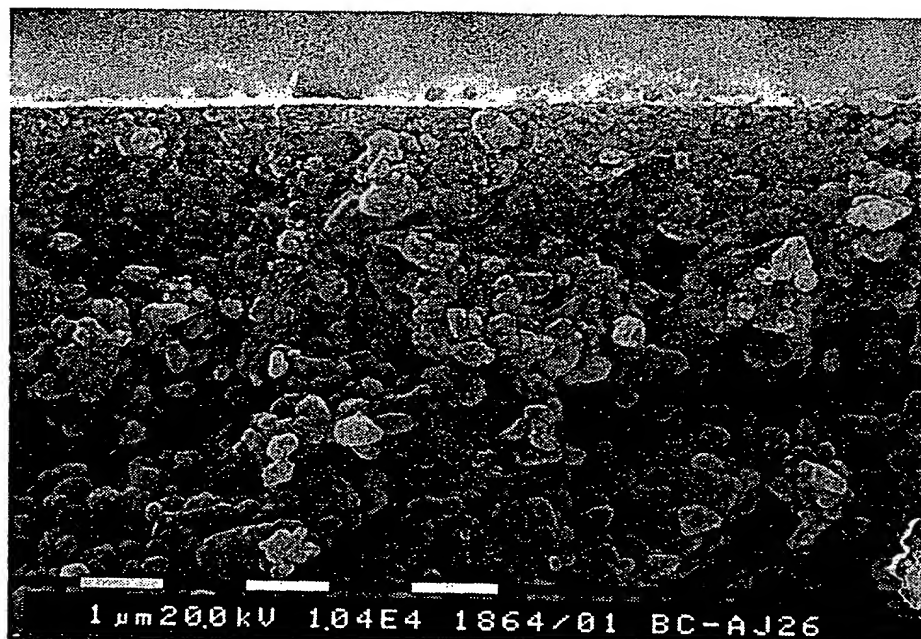
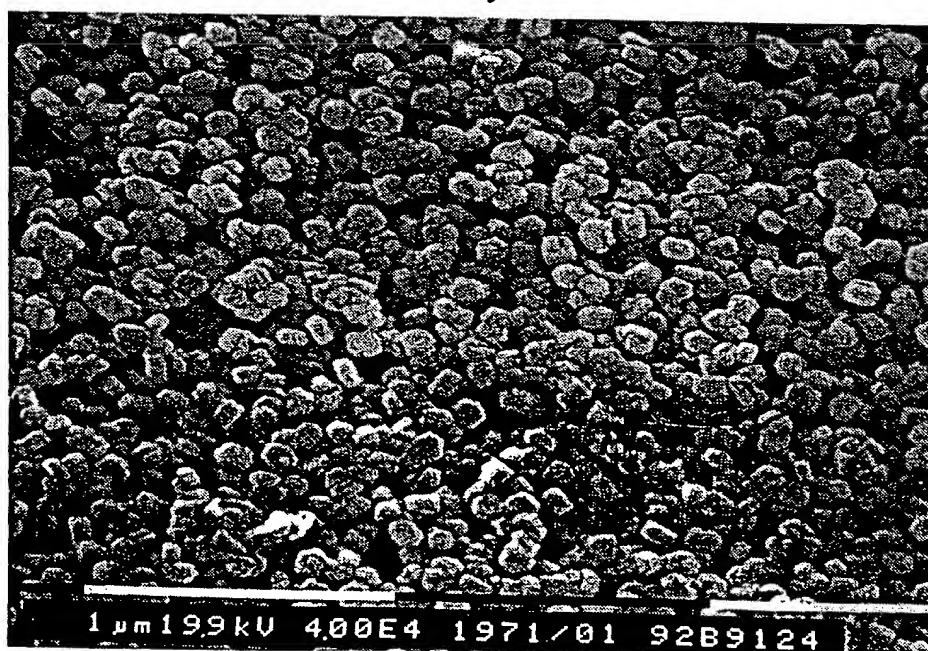


FIG.7

x 40,000

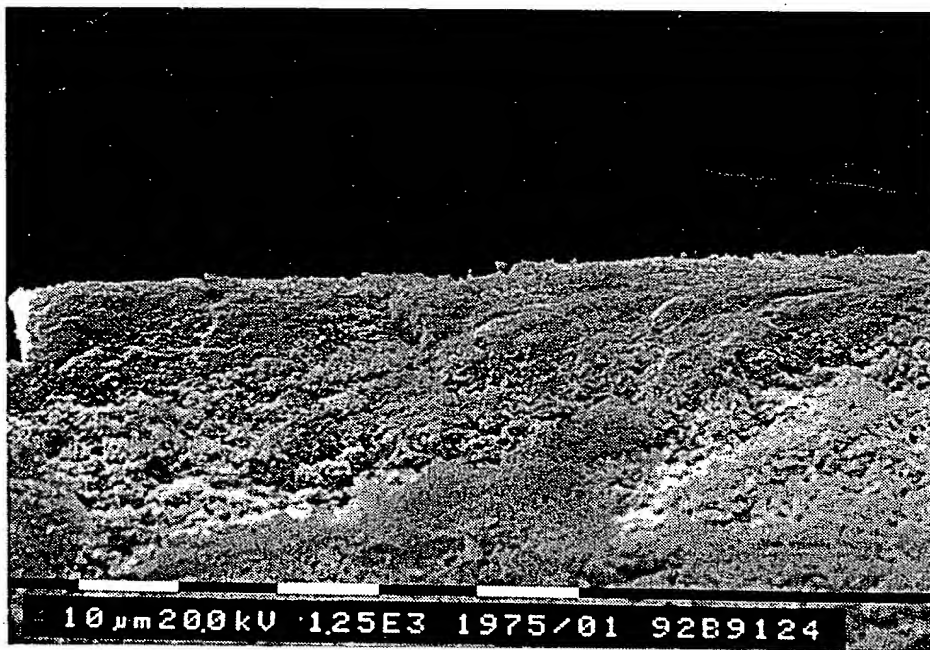
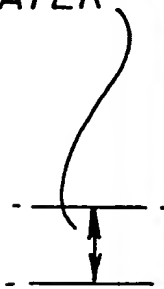


05545707-092699
960200-20254580

FIG. 8

202507 202507 202507

ZEOLITE
LAYER

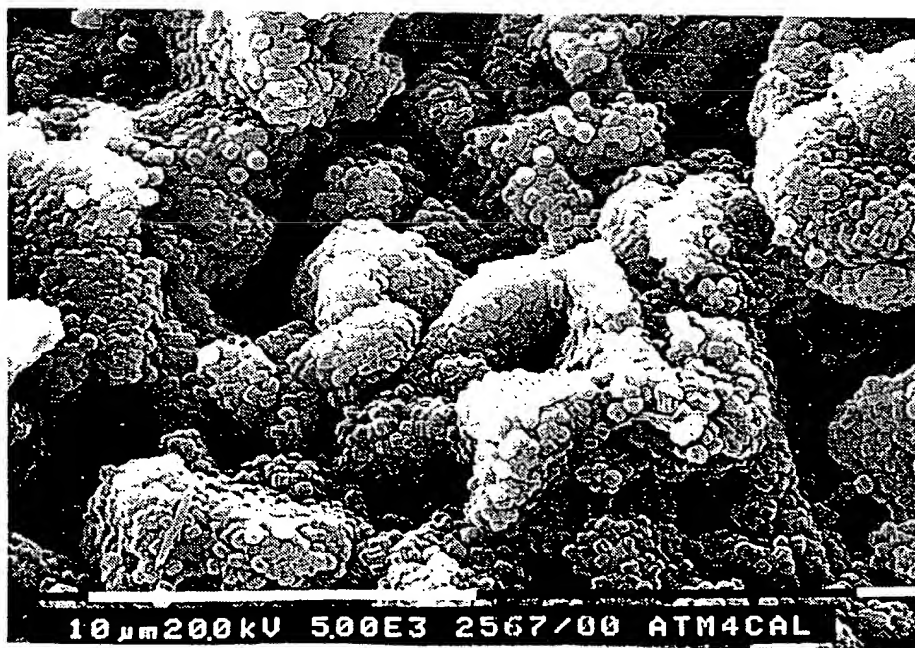


α - Al_2O_3
SUBSTRATE

FIG. 9 x 5,000



FIG. 10 x 5,000



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7/9

FIG.11 $\times 10,000$

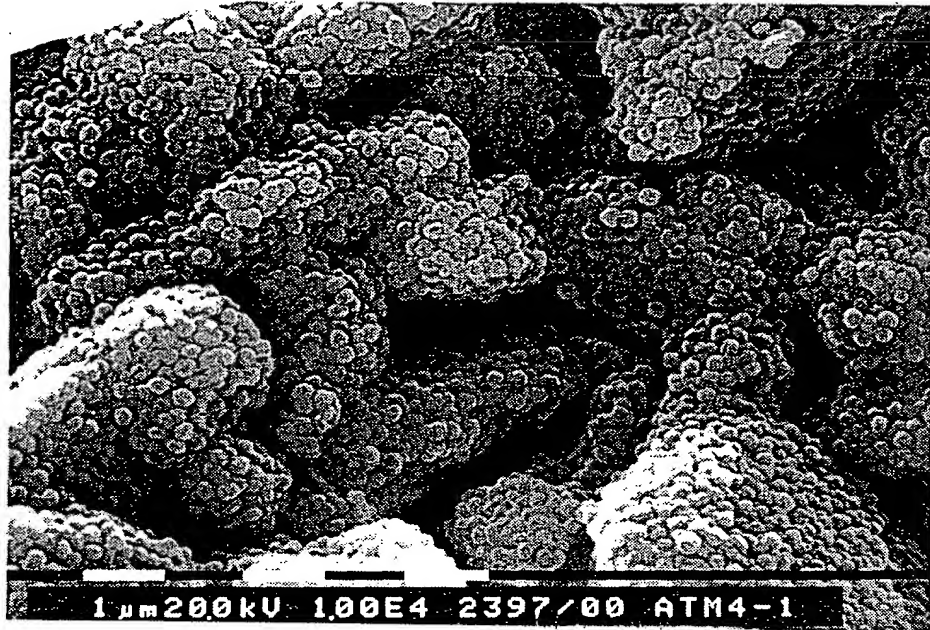


FIG.12 $\times 156$



0047.09260 225490

1 μ m 200kV 100E4 1619/01 A-1

1 μm 200kV 800E4 1622/01 A-1

9/9

FIG.15

ZEOLITE

SUBSTRATE

